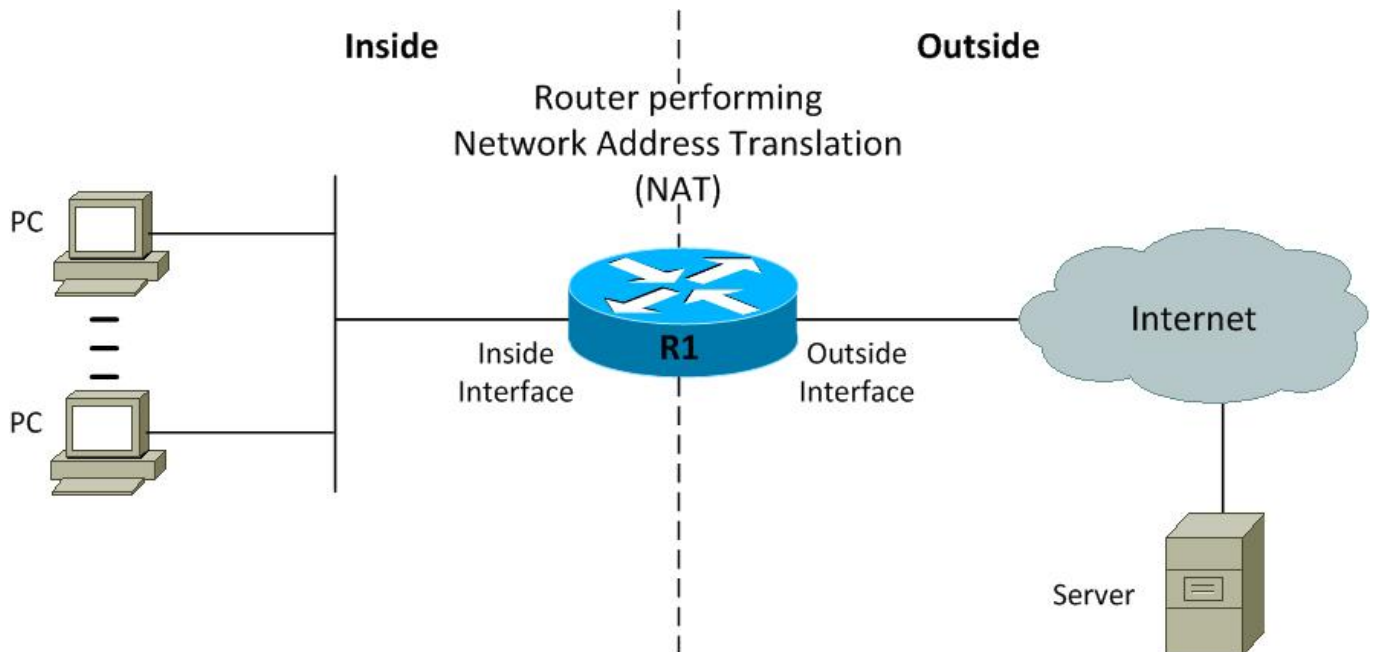


description: >- Network Address Translation (NAT) allows a host that does not have a registered IP address to communicate with other hosts on the Internet. NAT has gained such wide-spread acceptance that the majority

NAT

<http://packetlife.net/media/library/32/NAT.pdf>



NAT

Network Address Translation

```
Configure terminal
access-list 1 permit 10.0.0.0 0.0.3.255
access-list 1 permit 10.0.4.0 0.0.0.255
access-list 1 permit 10.0.5.0 0.0.0.31
ip nat pool publicAcces 18.0.0.1 18.0.0.1 netmask 255.0.0.0
ip nat inside source list 1 pool publicAcces overload
interface g0/0
ip nat outside
interface serial0/0/0
ip nat inside
exit
interface serial0/0/1
ip nat inside
exit
```

add your ip netten with their wildcard to the accaslist.
configure your public adres with there subnet.

`publicAccess` is a variable

show ip nat translations

Troubleshooting

```
show ip nat translations [verbose]
show ip nat statistics
clear ip nat translations
```